

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"589437".apn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/17 16:06
S2	29	US-4346164-\$.DID. OR US-4480910-\$.DID. OR US-5825043-\$.DID. OR US-5610683-\$.DID. OR US-5715039-\$.DID. OR US-20040165159-\$.DID. OR US-6341007-\$.DID. OR US-6400441-\$.DID. OR US-6549269-\$.DID. OR US-6590634-\$.DID. OR US-5969441-\$.DID. OR US-6208407-\$.DID. OR US-5623853-\$.DID. OR US-5528118-\$.DID. OR US-5874820-\$.DID. OR US-20050264774-\$.DID. OR US-20060132737-\$.DID. OR US-20050030497-\$.DID. OR WO-9949504-\$.DID. OR WO-2004019128-\$.DID. OR US-5919912-\$.DID. OR US-6265326-\$.DID. OR US-4305915-\$.DID. OR US-4305917-\$.DID. OR US-6124873-\$.DID. OR US-7220990-\$.DID. OR US-8316125-\$.DID. OR US-7176468-\$.DID. OR US-1116816-\$.DID. OR US-6188169-\$.DID. OR US-8166475-\$.DID. OR US-8330224-\$.DID. OR WO-2004053958-\$.DID. OR WO-2005010962-\$.DID. OR JP-6124873-\$.DID. OR JP-10163099-\$.DID. OR JP-10214783-\$.DID. OR US-6400411-\$.DID. OR JP-2000505958-\$.DID. OR JP-8166475-\$.DID. OR JP-8330224-\$.DID. OR WO-20041053958-\$.DID. OR WO-20051010962-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/17 16:07

S3	4	US-20010055101-\$.DID. OR US-232005D-\$.DID. OR US- 6124873-\$.DID. OR US- 8271999-\$.DID. OR US- 9283430-\$.DID. OR WO- 2005081292-\$.DID. OR WO- 2005081292912005-\$.DID. OR JP-2001345263-\$.DID. OR US-20010019399-\$.DID. OR JP-9283430-\$.DID. OR US-20050024609-\$.DID. OR JP-20055713-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/17 16:52
S4	5876	355/53.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/17 17:31
S5	127	S4 and (control same time same supply\$4 same recover \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/17 17:32
S6	2	"147373".apn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/17 17:46
S7	3	"20020163629"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/17 17:51
S8	2	"20030210322"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/17 17:52
S9	63	("20020163629"   "20030030916"   "20030174408"   "20040000627"   "20040075895"   "20040109237"   "20040114117"   "20040118184"   "20040119954"   "20040125351"   "20040136494"   "20040160582"   "20040165159"   "20040169834"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/17 17:55

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S10	309	S4 and (control same time same supply\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/17 18:18
S11	177	S4 and (control same time same supply\$4 same (liquid or water))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/17 18:21

S13	14	fukami-yoshio.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/20 15:00
S14	2	"6437851".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/20 15:09
S15	5	355/53.ccls. and (control\$4 same timer same liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/20 15:26
S16	1	"589437".apn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 15:26
S17	2	"6437851".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 15:44
S19	2	(first same immersion same system same auxiliary).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:04
S20	537432	(immersion and \$6lithograph \$5) ((supply or recovery) same valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:09
S21	44055	(immersion and \$6lithograph \$5) ((supply or recovery) same valve) and timer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:09
S22	23	(immersion and \$6lithograph \$5) and ((supply or recovery) same valve) and timer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:09

S23	473	(immersion and \$6lithograph \$5) and ((supply or recovery) same valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:11
S24	117	(immersion and \$6lithograph \$5) and ((supply or recovery) same valve) and (gas same detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:12
S27	1	liquid and (stopping\$1device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:54
S28	23	(immersion same liquid) and (foreign same mater)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:55
S29	4	(immersion and liquid) and (foreign same mater) and bubble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:56
S30	5	(immersion ) and (foreign same mater) and bubble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:56
S31	6546	(immersion ) and bubble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:57
S32	2025	(immersion same liquid) and bubble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:57
S33	208	(immersion same liquid) and (detect\$4 same bubble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 17:58

S38	17	rainer and westphal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 18:30
S39	1	veb and zet and microelectronic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 18:32
S40	60	"221563"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 18:32
S41	12	S40 and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 18:33
S42	9845	(immersion same (fluid or liquid)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 18:36
S43	829	(immersion same (fluid or liquid) and (control)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 18:37
S44	829	(immersion same (fluid or liquid) and (control)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 18:39
S45	128	(immersion same (fluid or liquid) and (control)).ab. and \$5lithograph\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 18:42
S46	7136	355/53,30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:42

S47	329	S46 and (immersion same liquid).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:43
S48	3295	S46 and @py<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:45
S49	54	S48 and liquid.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:49
S50	14	S48 and (immersion same liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:49
S51	36	S48 and (immersion )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:50
S52	1288	S48 and liquid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:51
S53	1630	S46 and (immersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:54
S54	4668	S46 and @py<"2006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:55
S55	261	S53 and @py<"2006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 08:55

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S57	1	"147288".apn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 10:09
S58	1	"10589437"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 13:51
S59	2	"7446851".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 14:09
S60	1044	("exposure apparatus" or \$5lithograph\$6) and (control \$4 same liquid same time) and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 14:42
S61	30	("exposure apparatus" or \$5lithograph\$6) and (control \$4 same liquid same time). ab. and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 14:42

S62	32	("exposure apparatus" or \$5lithograph\$6) and (control \$4 same liquid same time\$2). ab. and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 14:48
S63	2	S62 not S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 14:49
S64	13	("exposure apparatus" or \$5lithograph\$6) and (control \$4 same liquid same timer) and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 14:50
S65	101	("exposure apparatus" or \$5lithograph\$6) and (control \$4 same timer) and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 15:21
S66	64	("exposure apparatus" or \$5lithograph\$6) and (control \$4 same liquid same elaps\$3) and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 15:29
S67	96	("20020041377"   "20020061469"   "20020163629"   "20030011763"   "20030030916"   "20030174408"   "20040000627"   "20040075895"   "20040090606"   "20040109237"   "20040114117"   "20040118184"   "20040119954"   "20040125351"   "20040136494"   "20040160582"   "20040165159"   "20040169834"   "20040169924"   "20040180294"   "20040180299"   "20040207824"   "20040211920"   "20040224265"   "20040224525"   "20040227923"   "20040233405"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/13 15:51

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S68	727	("exposure apparatus" or \$5lithograph\$6) and (control \$4 same supply\$3 same time \$2) and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 16:05
S69	104	("exposure apparatus" or \$5lithograph\$6) and (mass same flow same control\$4 same time\$2) and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 16:27
S70	311	("exposure apparatus" or \$5lithograph\$6) and (sensor \$2 same (time or timer) same flow\$3) and immersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 16:40
S71	2	"20060164615"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/17 19:13
S72	21	(US-20050264774-\$ or US- 20010055101-\$ or US- 20010019399-\$ or US- 20050237504-\$ or US- 20050048223-\$ or US- 20050037269-\$ or US- 20060152697-\$ or US- 20090135382-\$ or US- 20080137056-\$ or US- 20070252960-\$ or US- 20060256316-\$ or US- 20060132738-\$ or US- 20050259234-\$).did. or (US- 7466392-\$ or US-7436487-\$ or US-7061578-\$ or US- 7242455-\$ or US-7460207-\$ or US-6437851-\$ or US- 7006209-\$).did. or (WO- 9949504-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2009/11/18 12:57
S73	7	S72 and elaps\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 12:57

S74	95	355/30,53.ccls. and (measur \$4 same amount same liquid same (supply\$3 or recover \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 14:09
S75	213	355/30,53.ccls. and (measur \$4 same amount same liquid )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 14:14
S76	118	S75 not S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 14:14
S77	13	pct/jp03/15675	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 15:16
S78	1	"200315675"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 15:17
S79	171	355/30,53.ccls. and (measur \$4 same recover\$4 same liquid )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 17:19
S80	5	355/30,53.ccls. and (flow same meter same recover\$4 same liquid )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 17:27
S81	103	("20020163629"   "20030022396"   "20030030916"   "20030174408"   "20040000627"   "20040075895"   "20040109237"   "20040114117"   "20040118184"   "20040119954"   "20040125351"   "20040136494"   "20040160582"   "20040165159"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/18 17:28

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S82	27	355/30,53.ccls. and (flow same meter same liquid )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 17:43
S83	8	US-6496257-\$.DID. OR US-20050024609-\$.DID. OR US-20050205108-\$.DID. OR US-20060028626-\$.DID. OR US-20060028628-\$.DID. OR US-6844206-\$.DID. OR US-20050018208-\$.DID. OR US-20050037269-\$.DID. OR WO-2004053955-\$.DID. OR EP-1571697-\$.DID. OR EP-1628329-\$.DID. OR WO-2005031820-\$.DID. OR EP-1667211-\$.DID. OR WO-2004093130-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/18 17:58
S84	59	Kida-Yoshiki.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 18:01

S88	66	irita-takeshi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 18:14
S89	19	US-1660921-\$.DID. OR US- 232007D-\$.DID. OR US- 3032338-\$.DID. OR US- 20050219490-\$.DID. OR US- 5825043-\$.DID. OR US- 4346164-\$.DID. OR US- 5610683-\$.DID. OR US- 6575039-\$.DID. OR WO- 2004053950-\$.DID. OR EP- 1486827-\$.DID. OR EP- 1510872-\$.DID. OR US- 4305915-\$.DID. OR US- 6357419-\$.DID. OR US- 20040207824-\$.DID. OR US- 20050225734-\$.DID. OR US- 20050078286-\$.DID. OR JP- 58202448-\$.DID. OR US- 5919912-\$.DID. OR US- 6265326-\$.DID. OR US- 5628770-\$.DID. OR US- 6124873-\$.DID. OR US- 7220990-\$.DID. OR US- 8316125-\$.DID. OR WO- 2004019128-\$.DID. OR JP- 57117238-\$.DID. OR WO- 2004055803-\$.DID. OR WO- 2004057589-\$.DID. OR WO- 2005029559-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/18 18:32
S91	51	Arai-Dai.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/18 18:49
S92	29	("20020066140"   "20030036282"   "20030104170"   "20030177703"   "20040009620"   "20040160582"   "20050219488"   "20060023181"   "20060077367"   "20060132737"   "20060139614"   "3381879"   "4112632"   "4168117"   "5121710"   "5194350"   "5528118"   "5610683"   "5623853"   "5689749"   "5874820"   "6106712"   "6332723"   "6364547"   "6509957"   "6688045"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/18 18:55



		"6809794"   "7130037").PN.				
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S94	1	"10589437"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/21 08:09
S95	0	shigeru-hirukawa.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/21 08:46
S96	224	hirukawa-shigeru.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/21 08:46
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S100	13	PCT/JP03/15675	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/21 08:59

S101	29	US-4346164-\$.DID. OR US-4480910-\$.DID. OR US-5825043-\$.DID. OR US-5610683-\$.DID. OR US-5715039-\$.DID. OR US-20040165159-\$.DID. OR US-6341007-\$.DID. OR US-6400441-\$.DID. OR US-6549269-\$.DID. OR US-6590634-\$.DID. OR US-5969441-\$.DID. OR US-6208407-\$.DID. OR US-5623853-\$.DID. OR US-5528118-\$.DID. OR US-5874820-\$.DID. OR US-20050264774-\$.DID. OR US-20060132737-\$.DID. OR US-20050030497-\$.DID. OR WO-9949504-\$.DID. OR WO-2004019128-\$.DID. OR US-5919912-\$.DID. OR US-6265326-\$.DID. OR US-4305915-\$.DID. OR US-4305917-\$.DID. OR US-6124873-\$.DID. OR US-7220990-\$.DID. OR US-8316125-\$.DID. OR US-7176468-\$.DID. OR US-1116816-\$.DID. OR US-6188169-\$.DID. OR US-8166475-\$.DID. OR US-8330224-\$.DID. OR WO-2004053958-\$.DID. OR WO-2005010962-\$.DID. OR JP-6124873-\$.DID. OR JP-10163099-\$.DID. OR JP-10214783-\$.DID. OR US-6400411-\$.DID. OR JP-2000505958-\$.DID. OR JP-8166475-\$.DID. OR JP-8330224-\$.DID. OR WO-20041053958-\$.DID. OR WO-20051010962-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/30 10:23
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S103	1	"10589437"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/30 10:25

S104	0	shigeru-hirukawa.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/30 10:35
S105	234	hirukawa-shigeru.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/30 10:36
S106	1	"12052507"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/30 11:15

**7/30/2010 4:28:49 PM**

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